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[CORPORATE The Joint Task Force on Computing Curricula](#)

September 2001 **Journal on Educational Resources in Computing (JER)**

**Publisher:** ACM [Request Permissions](#)

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#### 2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **CASCON '97: Proceedings of the 1997 conference of the C research**

**Publisher:** IBM Press

Full text available: [Pdf](#) (4.21 MB)

Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 47, Downloads (12 Months): 360, Downloads (All Time): 360

Understanding distributed applications is a tedious and difficult task. Vis often used to obtain a better understanding of the execution of the application event ...

#### 3 [Improving the granularity of access control for Windows 2000](#)

[Michael M. Swift, Anne Hopkins, Peter Brundrett, Cliff Van Dyke, Praerit Gajjenu](#)

November 2002 **Transactions on Information and System Security (TIS)**

**Publisher:** ACM [Request Permissions](#)

Full text available: [Pdf](#) (447.78 KB)

Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 117, Downloads (All Time): 117

This article presents the mechanisms in Windows 2000 that enable fine-grained access control for both operating system components and applications. These features were added in Windows 4.0 to support the ...

**Keywords:** Access control lists, Microsoft Windows 2000, Windows NT, Windows 95

#### 4 [Spoken dialogue technology: enabling the conversational user interface](#)

[Michael F. McTear](#)

March 2002 **Computing Surveys (CSUR)**, Volume 34 Issue 1

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Spoken dialogue systems allow users to interact with computer-based a by using natural spoken language. The origins of spoken dialogue syste research in the ...

**Keywords:** Dialogue management, human computer interaction, langu recognition, speech synthesis

## 5 [The evolution of Coda](#)

 M. Satyanarayanan

May 2002 **Transactions on Computer Systems (TOCS)** , Volume 20 Iss

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (441.35 KB)

Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 19, Downloads (12 Months): 162, Downl

Failure-resilient, scalable, and secure read-write access to shared inform wired networks is a fundamental computing challenge. In this article, w meet ...

**Keywords:** Adaptation, Linux, UNIX, Windows, caching, conflict resolut recovery, disconnected operation, failure, high availability, hoarding, int low-bandwidth networks, mobile computing, optimistic replica control, s weakly connected operation

## 6 [The Satchel system architecture: mobile access to documents and s](#)

Mike Flynn, David Pendlebury, Chris Jones, Marge Eldridge, Mik Lamming

December 2000 **Mobile Networks and Applications** , Volume 5 Issue 4

**Publisher:** Kluwer Academic Publishers


Full text available:  Pdf (207.51 KB)

Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 24, Downloa

Mobile professionals require access to documents and document&dash; may be. They may also wish to give documents to colleagues electronic face&dash;to&dash;face, and with ...

## 7 [Access control for large collections](#)

 H. M. Gladney

April 1997 **Transactions on Information Systems (TOIS)** , Volume 15

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (482.88 KB)


Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 109, Downl

Efforts to place vast information resources at the fingertips of each indiv by commensurate attention to information protection. For distributed sy information, ...

**Keywords:** access control, digital library, document, electronic library,

8 [Using GOMS for user interface design and evaluation: which techniq](#)

 [Bonnie E. John, David E. Kieras](#)

December 1996 **Transactions on Computer-Human Interaction (TOCHI)**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (272.60 KB)


Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 100, Downloads (12 Months): 646, Dowl

Since the seminal book, The Psychology of Human-Computer Interaction known theoretical concepts in human-computer interaction. This concep extend ...

**Keywords:** GOMS, cognitive modeling, usability engineering

9 [Scientific data repositories: designing for a moving target](#)

 [Etzard Stolte, Christoph von Praun, Gustavo Alonso, Thomas Gross](#)

June 2003 **SIGMOD '03: Proceedings of the 2003 ACM SIGMOD interna**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (739.27 KB)

Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 69, Downlo

Managing scientific data warehouses requires constant adaptations to co computing environments, database schemas, and usage patterns. We h Experimental Data Center (HEDC), ...

10 [Client-system collaboration for legal corpus selection in an online prc](#)

 [Jack G. Conrad, Joanne R. S. Claussen](#)

June 2003 **ICAIL '03: Proceedings of the 9th international conference o**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (239.10 KB)


Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 17, Downloa

The continued growth of very large data environments such as Westlaw increases the importance of effective and efficient database selection ar completely autonomous ...

**Keywords:** database selection, query categorization, user interaction

11 [Presto: an experimental architeclure for fluid interactive document sr](#)

 [Paul Dourish, W. Keith Edwards, Anthony LaMarca, Michael Salisbury](#)

June 1999 **Transactions on Computer-Human Interaction (TOCHI)**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (409.04 KB)


Additional Information: [full citation](#), [at](#)

**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 118, Downl


Traditional document systems use hierarchical filing structures as the basis for organizing documents. However, this structure is very limited in comparison with time and category management ...

**Keywords:** attribute/value systems, direct manipulation, document management

## 12 Time as essence for photo browsing through personal digital libraries

 Adrian Graham, Hector Garcia-Molina, Andreas Paepcke, Terry Winograd  
July 2002 **JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital Libraries**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (3.39 MB)

[Additional Information: full citation, abstract, index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 31, Downloads (12 Months): 155, Downloads (Since Published): 155

We developed two photo browsers for collections with thousands of time-stamped photos. The browsers record photo shoot times, and semantically related photos tend to occur in clusters. This information is used to structure the browsing interface ...

**Keywords:** ACDSee, burst identification, image browser, personal digital libraries, time-based clustering, time-based navigation

## 13 How universal is good design for older users?

 Dan Hawthorn  
June 2002 **CUU '03: Proceedings of the 2003 conference on Universal Usability**

**Publisher:** ACM

Full text available:  Pdf (331.22 KB)

[Additional Information: full citation, abstract, index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 21, Downloads (12 Months): 227, Downloads (Since Published): 227

This paper attempts to illustrate the way in which multiple considerations are taken into account when designing for older users. The arguments are supported by examination of a successful email system ...

**Keywords:** aging, universal usability, user interface design

Also published in:

June 2002 **SIGCAPH Computers and the Physically Handicapped** Issue 73-7

## 14 Proceedings of the 2002 ACM/IEEE conference on Supercomputing

Roscoe Giles, Kathryn Kelley, Daniel Reed

November 2002 **Supercomputing '02: Proceedings of the 2002 ACM/IEEE Conference on Supercomputing**

**Publisher:** IEEE Computer Society Press

[Additional Information: full citation, abstract, index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Since Published): n/a

This 15th Annual SC conference brings together a worldwide community of researchers and practitioners in the future of high performance computing, networking, and data technology. The conference emphasizes the opportunity for ...

## 15

Tree houses and real houses: research and commercial software

[Susan LoVerso](#), [Margo Seltzer](#)

December 2002 **WIESS'02: Proceedings of the 2nd conference on Ind**  
**Volume 2**, Volume 2


**Publisher:** USENIX Association

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downl

Sleepycat Software develops and supports the Open Source software pr  
embedded database software in the world. Berkeley DB originated at th  
paper, we discuss the ...

## 16 [The importance of translucence in mobile computing systems](#)

 [Maria R. Ebling](#), [Bonnie E. John](#), [M. Satyanarayanan](#)

March 2002 **Transactions on Computer-Human Interaction (TOCHI)**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (330.59 KB) Additional Information: [full citation](#), at

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 99, Downlo

Mobile computing has been an active area of research for the past deca  
the decade to come. One problem faced by designers of mobile systems  
even ...

**Keywords:** Coda, disconnected operation, mobile computing, transluce

## 17 [Authentication metric analysis and design](#)

 [Michael K. Reiter](#), [Stuart G. Stubblebine](#)

May 1999 **Transactions on Information and System Security (TIS)**

**Publisher:** ACM  [Request Permissions](#)


Full text available:  Pdf (154.45 KB) Additional Information: [full citation](#), at

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 84, Downlo

Authentication using a path of trusted intermediaries, each able to auth  
technique for authenticating entities in a large-scale system. Recent wor  
paths in an ...

**Keywords:** metrics of authentication, public key infrastructure

## 18 [Authenticating distributed data using Web services and XML signatu](#)

 [Daniel J. Polivy](#), [Roberto Tamassia](#)

November 2002 **XMLSEC '02: Proceedings of the 2002 ACM workshop on X**

**Publisher:** ACM  [Request Permissions](#)

Full text available:  Pdf (164.09 KB) Additional Information: [full citation](#), at

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 65, Downloa

As the need for digital data becomes more ubiquitous, so does the need  
and verifying the authenticity of that data. We present an architecture f  
untrusted mirrors ...

**Keywords:** Web services, XML, authentication, digital signatures

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